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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/646,458
Filing Date	August 22, 2003
First Named Inventor	Kenneth COLLINS, et al.
Art Unit	1763
Examiner Name	Unknown
Total Number of Pages in This Submission	4
Attorney Docket Number	006915 P01

### ENCLOSURES (Check all that apply)

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Law Office of Robert M. Wallace		
Signature			
Printed name	Robert M. Wallace		
Date	05/24/2005	Reg. No.	29,119

### CERTIFICATE OF TRANSMISSION/MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

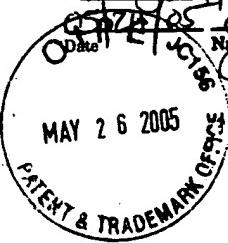
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PATENT

Attorney Docket No. 6915 P01  
RW Ref. No. APM/001-02-CP1-1



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Kenneth COLLINS, et al. ) Group Art Unit: 1763  
)  
Entitled: PLASMA IMMERSION ION ) Examiner: Unknown  
IMPLANTATION APPARATUS INCLUDING PLASMA )  
SOURCE HAVING LOW DISSOCIATION AND LOW )  
MINIMUM PLASMA VOLTAGE )  
)  
Serial No.: 10/646,458 )  
)  
Filing Date: August 22, 2003 )

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

No representation is made that more pertinent material is not available or should not be considered by the Examiner. It is expected that the Patent and Trademark Office will independently conduct a complete search of appropriate art. Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such consideration.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures, section 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each foreign patent document and/or non-patent literature is enclosed. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

Respectfully submitted,



Dated: 05/29/2005

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Sheet 1 of 1		MAY 26 2005  Application Number: 10/646,458 Filing Date: August 22, 2003 First Named Inventor: Kenneth Collins, et al. Group Art Unit: 1763 Examiner Name: Unknown Attorney Docket Number: 006915 P01				
		<b>U. S. PATENT DOCUMENTS</b>				
Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
	US-4,584,026	04-22-1986	WU ET AL.	148	1.5	07-25-1984
	US-5,510,011	04-23-1996	OKAMURA ET AL.	204	192.3	12-22-1994
	US-6,020,592	02-01-2000	LIEBERT ET AL.	250	492.21	08-03-1998
	US-6,101,971	08-15-2000	DENHOLM ET AL.	118	723E	08-15-2000
	US-6,139,697	10-31-2000	CHEN ET AL.	204	192.15	01-31-1997
	US-6,513,538	02-04-2003	CHUNG ET AL.	134	1.2	05-22-2001
	US-6,811,448	11-02-2004	PATON ET AL.	439	706	07-15-2003
	US-6,838,695	01-04-2005	DORIS ET AL.	257	55	11-25-2002
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document		Translation? (Yes/No/n/a)
<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials	<b>Wolf, Stanley and Taubner, Richard, "Silicon Processing for the VLSI Era", 2000, Lattice Press, Vol. 1, pages 303-308.</b>					
Examiner's Signature:				Date Considered:		